



Clean Michigan Initiative Clean Water Fund

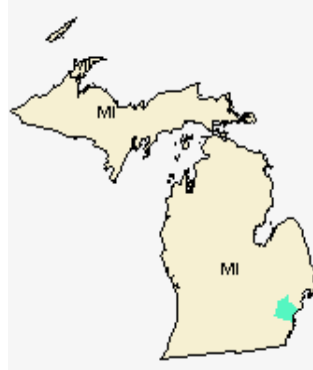


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City of Dearborn - Illicit Connection Elimination Main 3-4 Storm Water Management Area January 1, 2003 to December 30, 2003

Project Objectives:

The objective of the project was to identify illicit connections to the City of Dearborn's storm sewer system. This project represents the first step towards eliminating non-permitted, non-storm water discharges to the Lower Rouge River within the City of Dearborn. Elimination of identified illicit connections will improve water quality in the Lower Rouge River at, and downstream of, the City of Dearborn limits. Chemical testing was used to identify areas with potential illicit connections. Approximately 2,333 lineal feet of suspect sewer were surveyed using Closed Circuit Television (CCTV) and approximately 1,950 lineal feet of sewer were investigated by man-entry. This project complements many other illicit discharge elimination projects that are ongoing within the Rouge watershed.



Effluent Sampling
at Manholes



Man-Entry Sewer
Inspection



Grant Amount: \$ 154,756
Match Funds: \$ 51,587

Total Amount: \$ 206,343

Project Activities:

- Sampling of effluent at specific outfalls and manholes located within the Main 3-4 Storm Water Management Area.
- Sampling sediment from specific manholes located within the Main 3-4 Storm Water Management Area.
- Data generated from the samples were combined, normalized and analyzed.
- Areas suspected of illicit connections were further investigated using a combination of closed circuit television and man-entry surveys.
- Installed water level monitoring device at the Colson Weir.
- Issued report citing findings and recommendations pertaining to illicit connection eliminations.
- Found two illicit connections and corrected both

Project Partners:

- City of Dearborn
- Michigan Department of Environmental Quality